

**Declaration and Power of Attorney For Patent Application****RECEIVED**  
**SEP 25 2001**  
**Technology Center 2600**

As a below named inventor, we hereby declare that:

Our residence, post office address and citizenship are as stated next to our name.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled.

HALFTONE PHASE SHIFTING PHOTOMASK AND BLANKS FOR HALFTONE  
PHASE SHIFTING PHOTOMASK THEREFOR AND A METHOD FOR FORMING  
PATTERN BY USING THE HALFTONE PHASE SHIFTING PHOTOMASK

the specification of which is attached hereto unless the following box is checked:

☐ was filed on \_\_\_\_\_ as United States  
Application Number \_\_\_\_\_ or PCT International Application  
Number \_\_\_\_\_ and was amended on \_\_\_\_\_ (if  
applicable).

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

We here by claim foreign priority under Title 35, United States Code, Section 119 (a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

2000-101907

Japan

4 April 2000

(Number)

(Country)

(Day/Month/Year Filed)

☐

(Number)

(Country)

(Day/Month/Year Filed)

☐

We hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

(Application No.)

Filing Date

We hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, we acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application.

(Status: Patented, Pending, Abandoned)

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, we hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith *(list name and registration number)*

Dale H. Thiel, Reg. No. 24 323	David S. Goldenberg, Reg. No. 31 257
David G. Boutell, Reg. No. 25 072	Sindy B. Williams, Jr., Reg. No. 24 949
Ronald J. Tanis, Reg. No. 22 724	Timothy B. Clise, Reg. No. 40 957
Terryence F. Chapman, Reg. No. 32 549.	Liane L. Churney, Reg. No. 40 694
Mark L. Maki, Reg. No. 36 589	Brian R. Tumm, Reg. No. 36 328

Send Correspondence to:

FLYNN, THIEL, BOUTELL & TANIS, P.C.  
2026 Rambling Road  
Kalamazoo, Michigan 49008-1699

Direct Telephone Calls to: *(name and telephone number)*

Full name of first inventor  
Toshiaki MOTONAGA

Inventor's signature

*Toshiaki Motonaga*

Date

March 27, 2001

Residence

Shinjuku-ku, Tokyo, Japan

Citizenship

Japanese

Post Office Address c/o DAINIPPON PRINTING CO., LTD  
1-1, Ichigaya-kagacho 1-chome, Shinjuku-ku, Tokyo 162-8001, Japan

Full name of second joint inventor Norihito ITO	
Inventor's signature <i>Norihito Ito</i>	Date March 27, 2001
Residence Shinjuku-ku, Tokyo, Japan	
Citizenship Japanese	
Post Office Address c/o DAINIPPON PRINTING CO., LTD 1-1, Ichigaya-kagacho 1-chome, Shinjuku-ku, Tokyo 162-8001, Japan	

Full name of third joint inventor Chiaki HATSUTA	
Inventor's signature <i>Chiaki Hatsuta</i>	Date March 27, 2001
Residence Shinjuku-ku, Tokyo, Japan	
Citizenship Japanese	
Post Office Address c/o DAINIPPON PRINTING CO., LTD 1-1, Ichigaya-kagacho 1-chome, Shinjuku-ku, Tokyo 162-8001, Japan	

Full name of forth joint inventor Junji FUJIKAWA	
Inventor's signature <i>Junji Fujikawa</i>	Date March 27, 2001
Residence Shinjuku-ku, Tokyo, Japan	
Citizenship Japanese	
Post Office Address c/o DAINIPPON PRINTING CO., LTD 1-1, Ichigaya-kagacho 1-chome, Shinjuku-ku, Tokyo 162-8001, Japan	

Full name of fifth joint inventor Naoya HAYASHI	
Inventor's signature <i>Naoya Hayashi</i>	Date March 27, 2001
Residence Shinjuku-ku, Tokyo, Japan	
Citizenship Japanese	
Post Office Address c/o DAINIPPON PRINTING CO., LTD 1-1, Ichigaya-kagacho 1-chome, Shinjuku-ku, Tokyo 162-8001, Japan	

Full name of <del>second</del> joint inventor Toshio ONODERA	
Inventor's signature <i>Toshio Onodera</i>	Date 27 / March / 2001
Residence Fujisawa-shi, Kanagawa-ken, Japan	
Citizenship Japanese	
Post Office Address 103 Cosmo-Shonan, 3333 Kameino, Fujisawa-shi, Kanagawa-ken 252-0813, Japan	

Full name of <del>third</del> joint inventor Takahiro MATSUO	
Inventor's signature <i>Takahiro Matsuo</i>	Date 27 / March / 2001
Residence Fujisawa-shi, Kanagawa-ken, Japan	
Citizenship Japanese	
Post Office Address 403 Sany-19, 1-22-4 Zengyo, Fujisawa-shi, Kanagawa-ken 251-0871, Japan	

Full name of <del>fourth</del> joint inventor Toru OGAWA	
Inventor's signature <i>Toru Ogawa</i>	Date 30 / March / 2001
Residence Kawasaki-shi, Kanagawa-ken, Japan	
Citizenship Japanese	
Post Office Address 5-3-22 Shukugawara, Tama-ku, Kawasaki-shi, Kanagawa-ken 214-0021 Japan	

Full name of <del>fifth</del> joint inventor Keisuke NAKAZAWA	
Inventor's signature <i>Keisuke Nakazawa</i>	Date 3 / April / 2001
Residence Nakano-ku, Tokyo, Japan	
Citizenship Japanese	
Post Office Address 4-41-12 Nokata, Nakano-ku, Tokyo 165-0027, Japan	